



US EPA RECORDS CENTER REGION 5



484199

DATE: April 4, 1984

TO: Division File

FROM: P. M. McCarthy *PM*SUBJECT: LPC 11780201 - Macoupin County - Brighton/Brighton #1
LPC 11780203 - Macoupin County - Brighton/Brighton #2
ILD980497671

On this date, the site was inspected by Pat McCarthy of the Collinsville IEPA Office, Dave Retzloff of the Rockford IEPA Office, and Rich Finley and Jim Wojcik of the Maywood IEPA Office.

We arrived on site at 2:15 p.m. The conditions were very wet and muddy. The inspection revealed areas of leachate ponding, leachate flowing, and evidence of past leachate flows. There is evidence of nine surface runoff points where flows are leaving the site along the county road to the south. Refuse is not being covered daily and there are strong indications of inadequate spreading and compacting. The operator was observed attempting to compact refuse mixed with mud.

After we visually estimated that Gene Evans was over his maximum elevation, he stated that "Yes he was probably over his maximum elevation".

Gene Evans said that the only hazardous wastes in the runoff leaving the site would be heavy metals, because that was the only hazardous waste that he accepts. He did not sample and test the water before it left the site.

Gene Evans said that there were two (2), three (3) inch pumps pumping water from the west into a pond on the south border of the site. From this point a four (4) inch pump was pumping runoff over a berm into a second pond to the east. It is then pumped off site under the adjacent county road to a drainage tributary. The property onto which the water flows is owned by a Mr. Huish, according to Gene Evans.

Sampling was performed at the culvert carrying effluent to the north ditch of the county road. The water was a turbid brown color. This writer performed the sampling. These samples were taken at 2:50 p.m. in the presence of Gene Evans. Samples were sealed with evidence tape by Pat McCarthy, on site in the presence of Gene Evans. Two (2) photographs were taken by Jim Wojcik of Pat McCarthy taking samples, and one (1) photograph was taken by Jim Wojcik of the effluent flowing onto private property, south of the county road.

Brighton/Brighton #1
Brighton/Brighton #2

-2-

April 4, 1984

There was a bermed area between the main gate and approximately 90 feet west along the county road with no fencing, permitting easy access to the site. Also, there is no fence by the "northern slope".

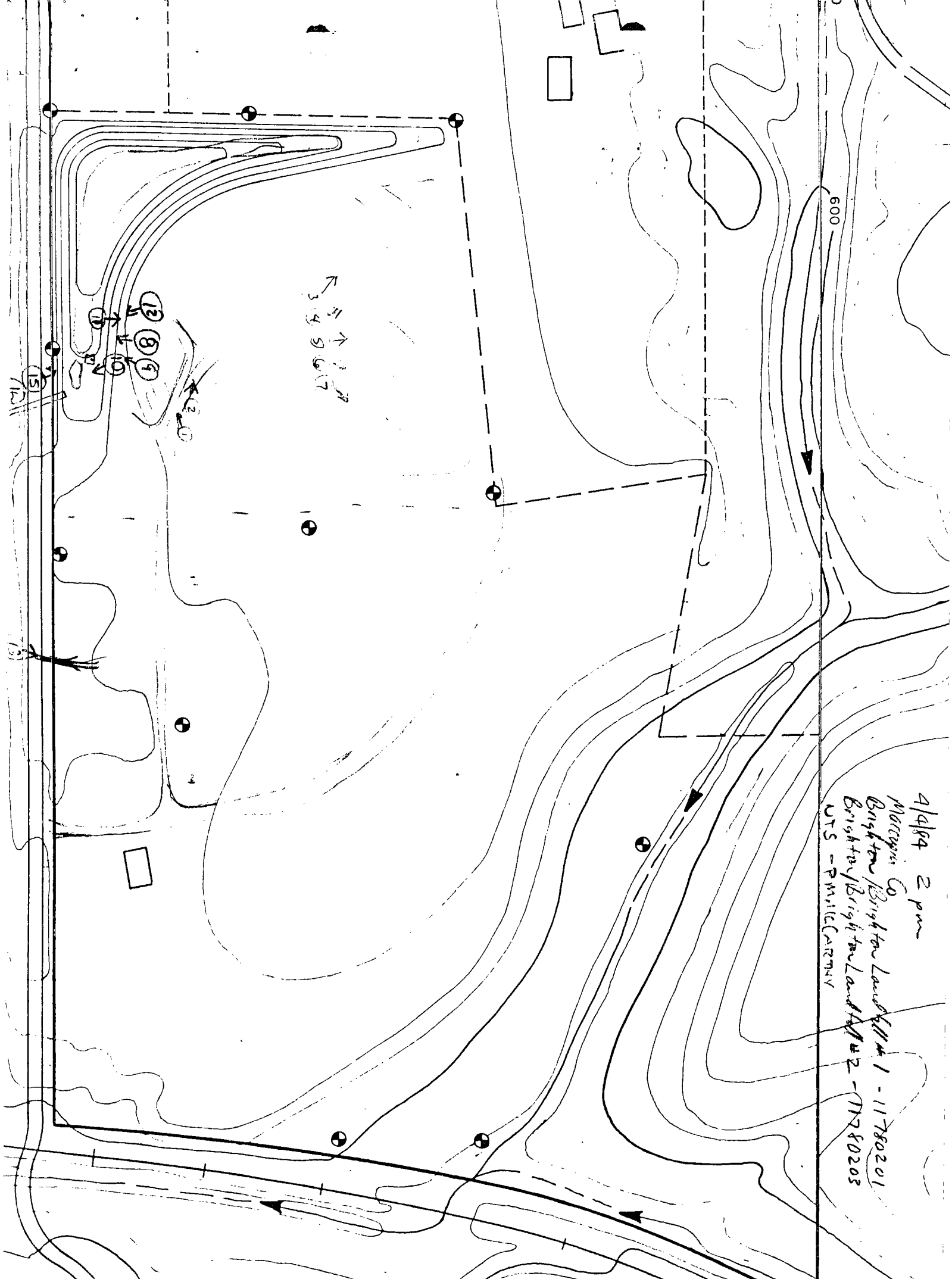
I asked Mr. Evans if his berm on the north slope had been overrun by any leachate. Mr. Evans said, "Yes, twice".

Everything in this report, with the exception of measuring distance along the county road where no fencing existed occurred in the company of Mr. Evans.

PMM:jlr

cc: Southern Region

4/4/84 2 pm
Morcom Co
Brighton/Landfill #1 - 11780201
Brighton/Landfill #2 - 11780203
UTS - PMILCARMAY



7/19

Purpose of
Program LPLI

Time Collected: 2:50 pm

Date Collected: 4/4/84

Lab # APR -0. 1984

SPECIAL ANALYSIS FORM

Date Received B037664

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL ILD980497689

COUNTY:

Macoupin

FILE HEADING:

Brighton / Brighton #2

FILE NUMBER:

11780203

SOURCE OF SAMPLE: (Exact Location) Culvert North Side of County Road
on South Side of site - culvert being fed by 4" pump
on site

PHYSICAL OBSERVATIONS, REMARKS: brown, muddy, no odor - **RECEIVED**

JUN 27 1984

ILL. E.P.A. - D.L.P.C.
STATE OF ILLINOIS

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
E.P. TOXICITY, total Metals

COLLECTED BY: PM McCarty & D. Retzke

TRANSPORTED BY: Bus

LABORATORY

RECEIVED BY: N. J. ...

DATE
COMPLETED:

DATE
FORWARDED:

J. Daugherty
JUN 21 1984

As	<0.1	RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.	HA	<u>Total Metals</u>		HA
Hg	<0.0001		HA			
Se	0.013		Ba	0.0		
Ba	0.013 0.5		Cd	0.00		
Cd	0.06		Cr	0.02		
Cr	<0.01		Fe	9.8		
Pb	<0.03		Mn	0.0		
Az	<0.01		Pb	<0.05		
Initial pH	— 6.8		Mn	0.67		
Final pH	— 5.0		Zn	0.4		

E.P. Toxicity

LPC-8A 4/77

C004850

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

PM
KM

Purpose 04
Program LPLI

Time Collected: 2:50 pm

Date Collected: 4/4/84

Lab # WPK -0.1984

SPECIAL ANALYSIS FORM

Date Received B037664

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL

IL0980497684

COUNTY:

Macoupin

FILE HEADING:

Brighton / Brighton #2

FILE NUMBER:

11780203

SOURCE OF SAMPLE: (Exact Location) Culvert North Side of County Road
on South Side of site - culvert being fed by 4" pump
on site

PHYSICAL OBSERVATIONS, REMARKS: brown, muddy, no odor -

RECEIVED

MAY 04 1984

E.P.A. - D.L.P.C.

STATE OF ILLINOIS

TESTS REQUESTED: "SW-846 ANALYTICAL PROCEDURES MUST BE FOLLOWED"
E.P. TOXICITY, total Metals

COLLECTED BY: P. McCarty & D. Retzke

TRANSPORTED BY: Bus

LABORATORY

RECEIVED BY: M. Todd

DATE COMPLETED:

Jeffrey

DATE

FORWARDED:

MAY -1 1984

As	Sent to Champaign	RESULTS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED.	Hg	<u>Total Metals</u>	Hg
Hg			Ba		0.0
Se			Cd		0.00
Ba	<0.0		Cr	0.02	
Cd	0.00		Fe	9.8	
Cr	<0.01		Mn	0.0	
Pb	<0.03		Pb	<0.05	
Az	<0.01		Mn	0.67	
Initial pH	6.8		Zn	0.4	
Final pH	5.0				

RECEIVED
MAY 03 1964
U.S. E.P.A. - D. NEGATS EXPRESSED IN MG/LITER UNLESS OTHERWISE SPECIFIED
P.C.

RECEIVED
MAY 09 1964

E.P. Toxicity

LPC-8A 4/77

C004650

(NOT FOR DATA PROCESSING)

Environmental Protection Agency
Division of Laboratory Services
2121 W. Taylor Street
Chicago, Illinois 60612

RECEIVED
MAY 08 1984
STATE OF ILLINOIS
E.P.A. - D.L.P.C.

RECEIVED

MAY 09 1984